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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

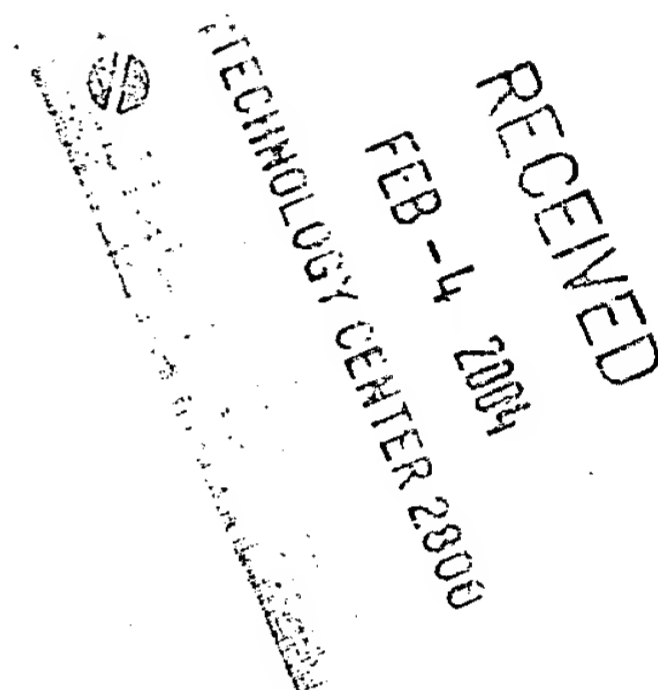
Honorable Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Date: January 27, 2004

Re: Response to Office Action of 12/1/2003
"Segmented Electrode Hall Thruster with Reduced Plume"
Nathaniel J. Fisch and Yevgeny Raitses
Application #: 09/834/373
Examiner: Kevin Quarterman
Art Unit: 2879

Sir:

Enclosed is the following:
Response to office action (2 pages)
Amendments to the claim (6 pages)
Remarks (1 page)
Amended Figures 2 and 3; Replacement sheet (2 pages)
Postcard receipt



Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, as "Express Mail Post Office to Addressee," Mailing label No 225322364 US, Honorable Assistant Commissioner of Petitions, Box Patent Application, Washington, D.C. 20231

By:
Nathaniel J. Fisch